

Abstract

The invention relates to a device for forming a peripherally closed hollow profiled element (1) by means of fluidic internal high pressure. The device contains an axial plug (4) for sealing off the hollow profiled element (1) on the end face, said axial plug possessing an axial passage duct (5) supplying pressure fluid. The axial plug (4) has a sealing body which possesses on its end face (19) a trough-like depression (20), the peripheral wall (21) of which can be spread open radially elastically, within the hollow profiled element (1), by means of pressure fluid, until said wall comes to bear sealingly against the inner wall (22) of the hollow profiled element (1). To maintain the sealability of the device permanently, the axial plug (4) is to have a plug head (8), formed by an annular collar (10) and a narrowed extension (11) adjoining the latter toward the end face (7) of the head (8), and, on its plug body (9), a radial peripheral stop for bearing against the closing edge (12) of the hollowed profiled element end (13). The sealing body, designed as a sealing ring (17), is fixed on the extension (11), the margin (28) of the annular collar (10) projecting peripherally beyond the outside (27) of the sealing ring (17) at at least one point in the radial direction.

(Figure 1)